

SIXTY-FIRST  
ANNUAL REPORT OF THE BOARD OF DIRECTORS  
OF THE  
MICHIGAN CENTRAL RAILROAD COMPANY  
TO THE STOCKHOLDERS

FOR THE YEAR ENDED

DECEMBER 31 1906



DETROIT  
MICHIGAN







MAP  
OF THE  
**M. C. R. R.**  
AND  
CONNECTIONS

NEW YORK  
CENTRAL  
LINES

0 10 20 30 40 50 60 70 80  
—SCALE—  
C.C.G. Del

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MICHIGAN



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# ORGANIZATION OF THE MICHIGAN CENTRAL RAILROAD COMPANY

## DIRECTORS

Elected at the annual meeting of stockholders held at Detroit, Michigan, May 3, 1906

HENRY B. LEDYARD, *Chairman*

WILLIAM K. VANDERBILT	WILLIAM H. NEWMAN
FREDERICK W. VANDERBILT	J. PIERPONT MORGAN
CHAUNCEY M. DEPEW	WILLIAM ROCKEFELLER
SAMUEL F. BARGER	JAMES STILLMAN
HAMILTON MCK. TWOMBLY	WILLIAM C. BROWN
WILLIAM K. VANDERBILT, JR.	GEORGE F. BAKER

## EXECUTIVE COMMITTEE

HENRY B. LEDYARD, *Chairman of the Board of Directors\**

WILLIAM H. NEWMAN, *President\**

WILLIAM K. VANDERBILT	SAMUEL F. BARGER
FREDERICK W. VANDERBILT	HAMILTON MCK. TWOMBLY
J. PIERPONT MORGAN	WILLIAM ROCKEFELLER

JAMES STILLMAN

*\*Members ex officio*

## OFFICERS

President	WILLIAM H. NEWMAN	New York
Senior Vice President	WILLIAM C. BROWN	New York
Vice President	EDWARD V. W. ROSSITER	New York
Vice President	JOHN CARSTENSEN	New York
Vice President	GEORGE J. GRAMMER	Chicago
Vice President	CHARLES E. SCHAFF	Chicago
Vice President	ALBERT H. HARRIS	New York
Vice President	CHARLES F. DALY	New York
Secretary	DWIGHT W. PARDEE	New York
Treasurer	CHARLES F. COX	New York
General Manager	RICHARD H. L'HOMMEDIEU	Detroit
General Superintendent	HENRY C. NUTT	Detroit
General Supt. M. P., R. S., & M.	JOHN F. DEEMS	New York
Chief Engineer	GEORGE H. WEBB	Detroit
Auditor	A. JUDSON BURT	Detroit
Purchasing Agent	SYDNEY B. WIGHT	Detroit
Freight Traffic Manager	GEORGE H. INGALLS	Chicago
General Freight Agent	WILLIAM C. ROWLEY	Detroit
Passenger Traffic Manager	WARREN J. LYNCH	Chicago
General Passenger Agent	OLIVER W. RUGGLES	Chicago
Advisory Counsel	ASHLEY POND	Detroit
General Attorney	HENRY RUSSEL	Detroit

The annual meeting of stockholders for the election of directors, is held in the city of Detroit, Michigan, on the Thursday following the first Wednesday in May.



# REPORT

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*To the stockholders of*

THE MICHIGAN CENTRAL RAILROAD COMPANY:

The Board of Directors herewith submits its report for the year ended December 31, 1906, with statements showing the results for the year and the financial condition of the company.

The report covers the operation of the following mileage:

	<i>Miles</i>
Main line	270.07
Proprietary lines	343.93
Lines leased	1,117.34
Lines operated under trackage rights	14.00
Total road operated	<u>1,745.34</u>

A statement showing in detail the miles of road and track operated will be found upon another page.

The capital stock authorized and issued to December 31, 1906, was \$18,738,000 00

The funded debt outstanding on December 31, 1905, was \$25,295,000 00

It has been decreased during the year ended December 31, 1906,  
as follows:

Michigan Central—Jackson, Lansing & Saginaw three and one-half per cent gold bonds of 1951 purchased and cancelled by the Trustees of the Land Grant Fund of the Jackson, Lansing & Saginaw Railroad Company,

30,000 00

Total funded debt December 31, 1906 (detail on another page) \$25,265,000 00

On January 2, 1906, this company leased direct the property of the Toledo, Canada Southern and Detroit Railway Company, one of the railroads of the Canada Southern Railway System, included in the agreement of August 15, 1903, for the period of its corporate existence. Under the terms of the lease this company agrees to pay the principal and interest on \$4,500,000.00 four per cent first mortgage bonds as they may be issued in accordance with its provisions. The date of maturity of these bonds is fifty years from January 1, 1906, and the amount now outstanding is \$3,100,000.00. Of this amount \$1,500,000.00 is held by the Canada Southern Railway Company, in accordance with the terms of the lease, and will not draw interest while in the possession of the Canada Southern Company. The interest on the balance of the outstanding \$1,600,000.00 of bonds is paid by this company. Under the terms of the lease, in consideration of this company's guaranteeing both principal and interest of the \$4,500,000.00 bond issue, the Canada Southern Company is to deliver to the Michigan Central Company on March 1, 1913, the \$1,500,000.00 bonds held by that company and the entire Capital Stock of the Toledo, Canada Southern & Detroit Railway Company.

On December 27th, 1906, this company acquired a majority of the capital stock of the Chicago, Kalamazoo & Saginaw Railway Company, the road of which extends from Pavilion, Michigan, to Woodbury, Michigan, a distance of 55.30 miles, passing through the city of Kalamazoo.

On April 9th, 1906, this company acquired 30,000 shares of the common stock, and on September 26th, 1906, purchased \$3,000,000.00 four per cent first mortgage bonds of the Chicago, Indiana and Southern Railroad Company.

On September 25, 1906, Articles of Association of the St. Clair & Western Railroad Company, succeeding the Michigan Midland & Canada Railroad Company, a proprietary line of the Canada Southern Railway Company, were filed.

Cost of road and equipment on December 31st, 1905, was	\$35,363,838 08
Less—	
Premium received on Michigan Central three and one-half per cent gold bonds of 1952, credited to construction account	150,580 99
Total cost of road and equipment to December 31st, 1906	<u>\$35,213,257 09</u>
This represents per mile owned (270.07 miles) \$130,386	
Terminal Railroad, Chicago (Indiana Harbor Line), construction account was increased	<u>\$98,260 43</u>

SUMMARY OF FINANCIAL OPERATIONS AFFECTING INCOME

	1906	1905	Increase	Decrease
EARNINGS FROM OPERATION	1,745.34 miles operated	1,745.32 miles operated	0.02 miles	
From freight traffic	\$18,650,229 56	\$16,255,480 89	\$2,394,748 67	
From passenger traffic	5,928,874 02	5,225,528 26	703,345 76	
From express traffic	901,415 00	973,285 19		\$71,870 19
From transportation of mails	454,594 24	453,557 56	1,036 68	
From rentals	24,862 36	72,562 50		47,700 14
From miscellaneous sources	315,612 95	303,453 84	12,159 11	
Totals	\$26,275,588 13	\$23,283,868 24	\$2,991,719 89	
EXPENSES OF OPERATION	(82.70%)	(81.03%)	(1.67%)	
For maintenance of way and structures	\$3,489,189 03	\$3,418,740 27	\$70,448 76	
For maintenance of equipment	5,542,578 33	4,386,926 97	1,155,651 36	
For conducting transportation	12,141,720 64	10,518,814 40	1,622,906 24	
For general expenses	556,775 99	541,434 79	15,341 20	
TOTAL EXPENSES	\$21,730,263 99	\$18,865,916 43	\$2,864,347 56	
NET EARNINGS	\$4,545,324 14	\$4,417,951 81	\$127,372 33	
OTHER INCOME	402,003 85	315,812 16	86,191 69	
GROSS INCOME	\$4,947,327 99	\$4,733,763 97	\$213,564 02	
FIRST CHARGES				
Interest on funded debt	\$2,073,850 55	\$2,015,320 29	\$58,530 26	
Rentals of leased lines	566,310 00	561,202 47	5,107 53	
Taxes	1,001,740 70	962,002 50	39,738 20	
Interest on loans, notes and bills payable	317,599 22	221,784 99	95,814 23	
Totals	\$3,959,500 47	\$3,760,310 25	\$199,190 22	
BALANCE AVAILABLE FOR DIVIDEND	\$987,827 52	\$973,453 72	\$14,373 80	
Cash dividends (in 1906, 5%, in 1905, 4%)	936,900 00	749,520 00	187,380 00	
SURPLUS	\$50,927 52	\$223,933 72		\$173,006 20
To the surplus for the year:—				\$50,927 52
There should be added:				
Net amount transferred to the credit of profit and loss, in adjustment of sundry accounts				97,877 43
Amount to credit of Profit and Loss, December 31, 1905				\$8,864,156 94
		BALANCE, DECEMBER 31, 1906		\$9,012,961 89

The gross earnings were \$26,275,588.13, an increase of \$2,991,719.89 over the previous year.

The freight earnings were \$18,650,229.56, an increase of \$2,394,748.67. This was due to an increased movement in nearly all commodities and in the average distance of each ton carried.

The passenger earnings were \$5,928,874.02, an increase of \$703,345.76, due to a general increase in both local and interline business.

The express earnings were \$901,415.00, a decrease of \$71,870.19.

The expenses of operation were \$21,730,263.99, an increase of \$2,864,347.56.

Maintenance of way and structures showed an increase of \$70,448.76.

Maintenance of equipment increased \$1,155,651.36, due to renewal charges on account of cars and locomotives.

Conducting transportation increased \$1,622,906.24.

The principal fluctuations were as follows:

“Fuel for locomotives”, increase \$349,063.08.

“Rents for tracks, yards and terminals”, increase \$286,157.32.

“Car mileage and per diem”, increase \$203,067.12.

“Engine and roundhouse men”, increase \$158,573.14.

“Station service”, increase \$149,240.75.

“Train service”, increase \$114,471.13.

“Switchmen, flagmen and watchmen”, increase \$105,025.96.

The net earnings were \$4,545,324.14, an increase of \$127,372.33.

Other income was \$402,003.85, an increase of \$86,191.69, due to increased revenue from securities and interest on advances.

First charges, \$3,959,500.47, increased \$199,190.22, the principal items being interest on additional bonds issued, and interest on loans.

The profit from operation for the year, after payment of 5% in dividends upon the capital stock, was \$50,927.52, which has been carried to the credit of Income Account.

During the year the following changes in officers and directors have occurred :

At the annual meeting of the stockholders, held May 3, 1906, the former Board of Directors was re-elected, with the exception of Ashley Pond, who was succeeded by William C. Brown.

On May 18, 1906, William C. Brown was appointed Senior Vice-President.

On June 6, 1906, Charles E. Schaff was appointed Vice-President.

On December 4, 1906, Albert H. Harris and Charles F. Daly were appointed Vice-Presidents.

On March 1, 1906, Henry C. Nutt was appointed General Superintendent in the place of Henry A. Worcester, resigned.

On December 6, 1906, George H. Ingalls was appointed Freight Traffic Manager in place of Barrett B. Mitchell, transferred.

W. H. NEWMAN,  
*President.*

## EXPENSES IN DETAIL

## MAINTENANCE OF WAY AND STRUCTURES

	1906	1905	Increase	Decrease
Repairs of roadway	\$1,669,926 89	\$1,793,702 84		\$123,775 95
Renewals of rails	458,121 12	444,562 00	\$13,559 12	
Renewals of ties	374,386 13	306,868 55	67,517 58	
Repairs and renewals of bridges and culverts	305,111 48	323,236 23		18,124 75
Repairs and renewals of fences, road crossings, } signs and cattle guards }	76,190 66	94,108 94		17,918 28
Repairs and renewals of buildings and fixtures	566,220 15	407,232 12	158,988 03	
Repairs and renewals of docks and wharves	12,258 50	27,637 53		15,379 03
Repairs and renewals of telegraph	21,535 52	16,682 28	4,853 24	
Stationery and printing	5,413 58	4,709 78	703 80	
Other expenses	25 00		25 00	
Totals	\$3,489,189 03	\$3,418,740 27	\$70,448 76	

## MAINTENANCE OF EQUIPMENT

Superintendence	\$86,377 44	\$75,134 37	\$11,243 07	
Repairs and renewals of locomotives	1,761,737 72	1,796,281 04		\$34,543 32
Repairs and renewals of passenger cars	706,328 68	272,967 58	433,361 10	
Repairs and renewals of freight cars	2,763,288 92	1,934,898 02	828,390 90	
Repairs and renewals of work cars	68,727 35	143,608 31		74,880 96
Repairs and renewals of marine equipment	25,927 61	48,610 01		22,682 40
Repairs and renewals of shop machinery and tools	53,382 96	50,662 36	2,720 60	
Stationery and printing	6,455 18	5,637 39	817 79	
Other expenses	70,352 47	59,127 89	11,224 58	
Totals	\$5,542,578 33	\$4,386,926 97	\$1,155,651 36	

## CONDUCTING TRANSPORTATION

Superintendence	\$342,676 11	\$287,734 16	\$54,941 95	
Engine and roundhouse men	1,667,582 14	1,509,009 00	158,573 14	
Fuel for locomotives	2,305,075 40	1,956,012 32	349,063 08	
Water supply for locomotives	75,563 84	69,360 75	6,203 09	
Oil, tallow and waste for locomotives	71,345 35	65,143 97	6,201 38	
Other supplies for locomotives	18,360 54	12,325 02	6,035 52	
Train service	1,074,812 89	960,341 76	114,471 13	
Train supplies and expenses	363,699 74	300,759 02	62,940 72	
Switchmen, flagmen and watchmen	910,226 38	805,200 42	105,025 96	
Telegraph expenses	270,069 77	257,650 21	12,419 56	
Station service	1,393,726 78	1,244,486 03	149,240 75	
Station supplies	112,834 32	112,915 85		\$81 53
Switching charges—balance	482,095 07	453,964 15	28,130 92	
Car mileage and per diem—balance	973,663 09	770,595 97	203,067 12	
Loss and damage	206,873 72	192,651 35	14,222 37	
Injuries to persons	108,316 96	85,904 04	22,412 92	
Clearing wrecks	35,085 88	29,786 64	5,299 24	
Operating marine equipment	124,075 70	131,155 63		7,079 93
Advertising	78,265 24	87,148 65		8,883 41
Carried forward	\$10,614,348 92	\$9,332,144 94	\$1,282,203 98	

*EXPENSES IN DETAIL (continued)*CONDUCTING TRANSPORTATION *(continued)*

	1906	1905	Increase	Decrease
<i>Brought forward</i>	\$10,614,348 92	\$9,332,144 94	\$1,282,203 98	
Outside agencies	347,386 47	307,640 44	39,746 03	
Stock yards and elevators	54,549 12	54,880 75		\$331 63
Rents for tracks, yards and terminals	820,641 95	534,484 63	286,157 32	
Rents of buildings and other property	19,357 83	26,230 89		6,873 06
Stationery and printing	144,186 31	124,685 86	19,500 45	
Other expenses	141,250 04	138,746 89	2,503 15	
<b>Totals</b>	<u>\$12,141,720 64</u>	<u>\$10,518,814 40</u>	<u>\$1,622,906 24</u>	

## GENERAL EXPENSES

Salaries of general officers	\$154,986 25	\$144,317 52	\$10,668 73	
Salaries of clerks and attendants	193,306 70	148,322 11	44,984 59	
General office expenses and supplies	18,025 83	12,835 94	5,189 89	
Insurance	36,953 13	37,299 31		\$346 18
Law expenses	69,498 37	58,514 60	10,983 77	
Stationery and printing (general offices)	14,890 77	12,891 33	1,999 44	
Other expenses	69,114 94	127,253 98		58,139 04
<b>Totals</b>	<u>\$556,775 99</u>	<u>\$541,434 79</u>	<u>\$15,341 20</u>	

## PERCENTAGE OF OPERATING EXPENSES TO GROSS EARNINGS BY GROUPS

	1906	1905
Maintenance of way and structures	13.28	14.68
Maintenance of equipment	21.09	18.84
Conducting transportation	46.21	45.18
General expenses	2.12	2.33
<b>Totals</b>	<u>82.70</u>	<u>81.03</u>

## FIRST CHARGES

*Interest on bonds*

## THIS COMPANY'S BONDS

Interest at 3½ % per annum on Michigan Central First mortgage bonds	\$490,000 00	
Interest at 6 % per annum on Grand River Valley First mortgage bonds	30,000 00	
Interest at 6 % per annum on Grand River Valley First mortgage bonds	60,000 00	
Interest at 5 % per annum on Detroit & Bay City First mortgage bonds	200,000 00	
Interest at 5 % per annum on Kalamazoo & South Haven First mortgage bonds	35,000 00	
Interest at 4 % per annum on Michigan Air Line First mortgage bonds	104,000 00	
Interest at 4 % per annum on Terminal Railroad First mortgage bonds	29,000 00	
Interest at 3½ % per annum on Jackson, Lansing & Saginaw First mortgage bonds	61,409 44	
Total		\$1,009,409 44

## LEASED LINE BONDS

Interest at 3% per annum on Bay City & Battle Creek First mortgage bonds	\$7,500 00	
Interest at 3% per annum on Battle Creek & Sturgis First mortgage bonds	12,630 00	
Interest at 5% per annum on Canada Southern First mortgage bonds	700,000 00	
Interest at 5% per annum on Canada Southern Second mortgage bonds	300,000 00	
Interest at 4% per annum on Leamington and St. Clair mortgage bonds	5,200 00	
Interest at 4% per annum on Toledo, Canada Southern and Detroit First mortgage bonds	39,111 11	
Total		\$1,064,441 11
Grand total		\$2,073,850 55

*Rentals of leased lines*

Jackson, Lansing & Saginaw rental	\$70,000 00	
Jackson, Lansing & Saginaw expenses	750 00	
Grand River Valley rental	24,560 00	
Joliet & Northern Indiana rental	71,000 00	
Canada Southern rental	375,000 00	
St. Joseph, South Bend and Southern rental	20,000 00	
Benton Harbor Extension, etc., rental	5,000 00	
Total		\$566,310 00



FIRST CHARGES—(*concluded*)

*Taxes*

ON REAL ESTATE AND PROPERTY (INCLUDING LEASED LINES)

In the State of Michigan	\$850,960 17
In the State of Indiana	57,995 79
In the State of Illinois	40,162 39
In the State of Ohio	8,741 99
In the State of New York	6,328 91
In the Dominion of Canada	33,877 18
Excise tax, State of Ohio	3,674 27
Total	<u>\$1,001,740 70</u>

*Summary of first charges*

Interest on funded debt	\$2,073,850 55
Rentals of leased lines	566,310 00
Taxes	1,001,740 70
Interest on loans, notes and bills payable	317,599 22
Total first charges	<u>\$3,959,500 47</u>

*DIVIDENDS*

Payable July 28, 1906	2% on 187,380 shares of capital stock	\$374,760 00
Payable January 29, 1907,	3% on 187,380 shares of capital stock	562,140 00
Total	<u>5%</u>	<u>\$936,900 00</u>

## CONDENSED GENERAL BALANCE SHEET, DECEMBER 31, 1906

*Assets**Cost of road and equipment*

Michigan Central Railroad—Main line		\$35,213,257 09
Michigan Air Line Railroad	\$3,299,652 23	
Grand River Valley Railroad	2,501,715 87	
Jackson, Lansing & Saginaw Railroad	2,599,921 64	
Kalamazoo & South Haven Railroad	815,610 24	
Detroit & Bay City Railroad	4,168,297 78	
Bay City & Battle Creek Railroad	7,171 75	
Battle Creek & Sturgis Railroad	330 59	
Terminal Railroad, Chicago	823,443 17	14,216,143 27
Total cost of road and equipment		<u>\$49,429,400 36</u>

*Securities owned*

Stock in sundry companies	\$7,479,362 49	
Bonds of sundry companies	3,353,976 00	10,833,338 49

*Other property*

Real estate, etc., not used in operation of the road		308,557 18
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*Fuel and supplies*

2,119,735 28

*Current assets*

Cash charged Treasurer and Local Treasurer	\$578,652 96	
Loans and bills receivable	354,959 62	
Traffic balances receivable	2,913,749 07	
Sundry collectible accounts	1,260,676 27	5,108,037 92
		<u>\$67,799,069 23</u>

*CONDENSED GENERAL BALANCE SHEET, DECEMBER 31, 1906*

*Liabilities*

*Capital stock* \$18,738,000 00

*Funded debt*

Michigan Central 3½% bonds of 1952	\$14,000,000 00	
Michigan Air Line 4% bonds of 1940	2,600,000 00	
Grand River Valley 6% bonds of 1909	1,500,000 00	
Detroit & Bay City 5% bonds of 1931	4,000,000 00	
Kalamazoo & South Haven 5% bonds of 1939	700,000 00	
Terminal R. R. 4% bonds of 1941	725,000 00	
Jackson, Lansing & Saginaw 3½% bonds of 1951	1,740,000 00	25,265,000 00
Total capitalization		\$44,003,000 00

*Current liabilities*

Wages	\$862,608 85	
Loans and bills payable	6,250,000 00	
Traffic balances payable	473,348 59	
Interest and rentals accrued	362,596 57	
Interest unclaimed	286,272 50	
Dividend payable January 29, 1907	562,140 00	
Dividends unclaimed	5,257 00	
Sundry accounts payable	3,820,005 29	12,622,228 80

*Accounts with lessor companies*

Canada Southern Railway Company	254,238 43
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*Items in suspense* 1,906,640 11

*Profit and loss* 9,012,961 89

\$67,799,069 23

## CAPITALIZATION

## Capital stock

Number of shares issued and outstanding	187,380	Total par value issued and outstanding	\$18,738,000 00
Number of shares authorized	187,380	Total par value authorized	\$18,738,000 00
Par value per share	\$100 00		

Amount of capital stock per mile of road owned (270.07 miles) \$69,382.00

## Funded debt

Class of bond	Date of issue	Date of maturity	Amount of authorized issue	Amount issued and now outstanding	Rate of interest	Payable on the first days of
Michigan Central First mortgage	1902	May 1, 1952	\$18,000,000	\$14,000,000	3½ %	May and November
Grand River Valley First mortgage	1879	September 1, 1909	500,000	500,000	6 %	March and September
Grand River Valley First mortgage	1886	September 1, 1909	1,000,000	1,000,000	6 %	March and September
Detroit & Bay City First mortgage	1881	March 1, 1931	4,000,000	4,000,000	5 %	March, June, September and December
Kalamazoo & South Haven First mortgage	1889	November 1, 1939	700,000	700,000	5 %	May and November
Michigan Air Line First mortgage	1890	January 1, 1940	2,600,000	2,600,000	4 %	January and July
Terminal Railroad First mortgage	1896	July 1, 1941	1,500,000	725,000	4 %	January and July
Jackson, Lansing & Saginaw First mortgage	1901	September 1, 1951	*2,000,000	1,740,000	3½ %	March and September
Total amount of funded debt				<u>\$25,265,000</u>		

\*\$260,000 purchased and retired by the Land Grant Trustees

## Amount of funded debt per mile of road

Road	Funded debt	Miles	Amount per mile of road
Michigan Central Railroad	\$14,000,000	270.07	\$51,838
Grand River Valley Railroad	1,500,000	83.79	17,902
Detroit & Bay City Railroad	4,000,000	175.73	22,762
Kalamazoo & South Haven Railroad	700,000	39.50	17,722
Michigan Air Line Railroad	2,600,000	115.16	22,577
Terminal Railroad	725,000	15.34	47,262
Jackson, Lansing & Saginaw Railroad	1,740,000	379.23	4,588
	<u>\$25,265,000</u>	<u>1,078.82</u>	<u>\$23,419</u>

Treasurer, Grand Central Station, New York	Transfers stock
	Pays dividends on stock
	Transfers registered bonds
	Pays interest on registered bonds
Guarantee Trust Company of New York	Pays coupons from Michigan Central first mortgage bonds and bonds due 1951, secured by mortgage on the Jackson, Lansing & Saginaw Railroad
Farmers' Loan & Trust Company of New York	Pays coupons from Joliet & Northern Indiana bonds
Union Trust Company of New York	Pays coupons from all other issue of bonds

## TRAFFIC STATISTICS

## FREIGHT CARRIED AND TON MILEAGE

	1906	1905	Increase	Decrease
Tons of freight earning revenue	15,816,491	14,159,886	1,656,605	
Tons of company freight	1,797,461	2,115,593		318,132
Total number of tons carried	17,613,952	16,275,479	1,338,473	
Tons carried one mile (revenue freight)	2,910,834,923	2,585,063,611	325,771,312	
Tons of company freight carried one mile	134,069,726	162,912,243		28,842,517
Total number of tons carried one mile	3,044,904,649	2,747,975,854	296,928,795	

## DESCRIPTION OF FREIGHT MOVED

## PRODUCTS OF AGRICULTURE

Grain	1,081,075	1,019,591	61,484	
Flour	188,155	191,261		3,106
Other mill products	188,251	142,408	45,843	
Hay	137,579	81,789	55,790	
Tobacco	13,040	13,676		636
Cotton	34,711	23,161	11,550	
Fruit and vegetables	190,899	205,308		14,409
Other articles	239,213	165,798	73,415	

## PRODUCTS OF ANIMALS

Live stock	361,454	374,027		12,573
Dressed meats	208,367	214,546		6,179
Other packing house products	106,697	124,839		18,142
Poultry, game and fish	22,804	19,532	3,272	
Wool	7,214	7,483		269
Hides and leather	33,451	30,651	2,800	
Dairy products	50,184	48,972	1,212	
Other articles	14,250	4,243	10,007	

## PRODUCTS OF MINES

Anthracite coal	960,087	1,068,688		108,601
Bituminous coal	2,760,819	2,693,393	67,426	
Coke	169,334	156,034	13,300	
Ores	38,546	34,707	3,839	
Stone, sand and other like articles	1,559,067	1,163,234	395,833	
Other articles	197,045	197,424		379

## PRODUCTS OF FOREST

Lumber	1,008,787	921,430	87,357	
Other articles	1,102,513	1,111,512		8,999

## MANUFACTURES

Petroleum and other oils	109,232	113,186		3,954
Sugar	96,057	93,937	2,120	
Iron: pig and bloom	168,991	143,032	25,959	
Iron and steel rails	33,035	15,534	17,501	
Other castings and machinery	700,866	682,429	18,437	
Bar and sheet metal	324,846	264,888	59,958	
Cement, brick and lime	365,196	367,933		2,737
Agricultural implements	82,255	70,798	11,457	
Wagons, carriages, tools, etc	113,223	95,951	17,272	
Wines, liquors and beers	38,651	37,088	1,563	
Household goods and furniture	44,972	44,051	921	
Other articles	1,582,178	1,029,627	552,551	

## MISCELLANEOUS

Other commodities not previously mentioned	1,483,447	1,187,725	295,722	
TOTAL	15,816,491	14,159,886	1,656,605	

## TRAFFIC STATISTICS (continued)

## PASSENGERS CARRIED AND TICKET MILEAGE

	1906	1905	Increase	Decrease
Interline passengers	874,365	684,869	189,496	
Local passengers	3,350,675	3,083,326	267,349	
Commutation passengers	254,133	155,671	98,462	
Total number of passengers carried	4,479,173	3,923,866	555,307	
Passengers carried one mile	277,360,478	249,329,847	28,030,631	
TRAIN MILEAGE				
Freight trains	6,624,858	6,035,214	589,644	
Passenger trains, exclusive of straight mail and express trains	5,857,033	5,423,398	433,635	
Mail and express trains exclusive	274,569	274,871		302
Mixed trains	11,280	155,088		143,808
Work trains	308,055	252,435	55,620	
Total train mileage	13,075,795	12,141,006	934,789	
ENGINE MILEAGE				
Freight engines	8,478,471	7,846,689	631,782	
Passenger engines	6,271,141	5,971,627	299,514	
Switching engines	5,109,247	4,552,963	556,284	
Work engines	723,585	692,246	31,339	
Total engine mileage	20,582,444	19,063,525	1,518,919	
CAR MILEAGE				
Loaded freight cars	180,608,238	165,381,853	15,226,385	
Empty freight cars (including caboose cars)	68,061,609	69,720,167		1,658,558
Total freight cars	248,669,847	235,102,020	13,567,827	
Passenger cars	36,546,185	34,051,649	2,494,536	
Work cars	5,925,115	3,595,377	2,329,738	
Total car mileage	291,141,147	272,749,046	18,392,101	
Miles of road, including trackage, operated in freight service	1,745.34	1,745.32	.02	
Miles of road, including trackage, operated in passenger service	1,699.65	1,699.63	.02	
FREIGHT RESULTS				
Earnings from transportation	\$18,287,092 83	\$15,899,834 59	\$2,387,258 24	
from miscellaneous sources	363,136 73	355,646 30	7,490 43	
Total freight earnings	\$18,650,229 56	\$16,255,480 89	\$2,394,748 67	
Earnings per ton	\$1.16	\$1.12	\$0.04	
Earnings per ton per mile	cts. 0.628	cts. 0.615	cts. 0.013	
Earnings per train mile	\$2.76	\$2.57	\$0.19	
Earnings per mile of road, trackage included, operated in freight service	\$10,685.73	\$9,313.75	\$1,371.98	
Density of freight traffic (i. e. tons carried one mile per mile of road)	1,744,591	1,574,483	170,108	
Average number of tons of revenue earning freight carried per train mile	439	418	21	
Average number of tons of all freight (including company's) carried per train mile	459	444	15	
Average number of revenue tons per loaded car mile	16	16		
Average number of all tons per loaded car mile	17	17		
Average number of miles one ton carried	173	169	4	
Average number of loaded cars per train mile	27.22	26.72	.50	
Average number of empty cars per train mile	10.26	11.26		1.00
Average number of freight cars per train mile	37.48	37.98		.50

TRAFFIC STATISTICS (concluded)

PASSENGER RESULTS

	1906	1905	Increase	Decrease
Total earnings from passengers	\$5,825,882 13	\$5,135,164 91	\$690,717 22	
Other passenger train earnings	94,216 19	82,675 55	11,540 64	
From miscellaneous sources	8,775 70	7,687 80	1,087 90	
Total passenger earnings	\$5,928,874 02	\$5,225,528 26	\$703,345 76	
Earnings from mail and express	\$1,356,009 24	\$1,426,842 75		\$70,833 51
Earnings per passenger	\$1.30	\$1.31		\$0.01
Earnings per passenger per mile	cts. 02.10	cts. 02.06	cts. 00.04	
Earnings per train mile	\$1.01	\$0.94	\$0.07	
Earnings per train mile, including mail and express earnings	\$1.18	\$1.14	\$0.04	
Earnings per mile of road operated in passenger service, trackage included (including mail and express)	\$4,286.11	\$3,914.01	\$372.10	
Density of passenger traffic (i. e. passengers carried one mile per mile of road)	163,187	146,697	16,490	
Average number of passenger cars per train mile	5.95	5.82	.13	
Average number of passengers per train mile	47	45	2	
Average number of miles one passenger carried	62	64		2

## TABLE OF TRACKS

MAIN LINE	Miles	Second track	Third track	Fourth track	Sidings	Total
Kensington to Detroit	270.07	270.07	3.00	3.00	349.21	895.35
PROPRIETARY LINES						
Detroit & Bay City Railroad	109.00	7.60			43.23	159.83
Bay City & Battle Creek Railway	18.00				8.52	26.52
Battle Creek & Sturgis Railway	33.80				3.69	37.49
Detroit, Delray & Dearborn Railroad	4.84				1.41	6.25
Joliet & Northern Indiana Railroad	45.00				25.78	70.78
Detroit, Toledo & Milwaukee Railroad	66.56				9.97	76.53
<i>Total proprietary lines</i>	277.20	7.60			92.60	377.40
BRANCHES						
On Detroit & Bay City Railroad	66.73				52.68	119.41
<i>Total proprietary lines and branches</i>	343.93	7.60			145.28	496.81
LEASED LINES						
Michigan Air Line Railroad	115.16				43.45	158.61
Grand River Valley Railroad	83.79				19.43	103.22
Kalamazoo & South Haven Railroad	39.50				7.01	46.51
Jackson, Lansing & Saginaw Railroad	295.10	3.44			279.06	577.60
Detroit Manufacturers' Railroad	1.29				1.45	2.74
St. Joseph, South Bend & Southern Railroad	39.44				7.09	46.53
Benton Harbor Extension	1.63				.74	2.37
Canada Southern Railway (in Canada)	226.18	213.78			141.03	580.99
Canada Southern Bridge Company	3.66				1.65	5.31
St. Clair & Western Railroad	14.68				1.40	16.08
Toledo, Canada Southern & Detroit Railway	55.87	3.40			96.94	156.21
<i>Total leased lines</i>	876.30	220.62			599.25	1,696.17
BRANCHES						
On Jackson, Lansing & Saginaw Railroad	84.13				68.78	152.91
On Toledo, Canada Southern & Detroit Railway	3.05				9.13	12.18
On Canada Southern Railway (in Canada)	153.86				44.35	198.21
	241.04				122.26	363.30
<i>Total leased lines and branches</i>	1,117.34	220.62			721.51	2,059.47
<i>Total main line proprietary and leased lines</i>	1,731.34	498.29	3.00	3.00	1,216.00	3,451.63
LINES OPERATED UNDER TRACKAGE RIGHTS						
Illinois Central Railroad, Kensington to Chicago	14.00	14.00				28.00
<i>Grand total, all lines operated</i>	1,745.34	512.29	3.00	3.00	1,216.00	3,479.63

## Recapitulation according to States

	Main line	Proprietary	Leased	Otherwise operated	Total
Michigan	221.00	298.93	705.42		1,225.35
Illinois	6.07	29.00		14.00	49.07
Indiana	43.00	16.00	20.23		79.23
Ohio			11.65		11.65
Canada			380.04		380.04
	270.07	343.93	1,117.34	14.00	1,745.34

Gauge of track, 4 feet 8½ inches. Weight of rail, per yard, 52 to 100 pounds



## EQUIPMENT

Including Equipment of Leased Lines

## LOCOMOTIVES

	1906	1905
For passenger service	142	134
For freight service	243	242
For switching service	138	136
Total locomotives in service	523	512
Average mileage per engine	39,330	37,233
Cost of repairs (excluding renewals) per engine mile	cts. 4.40	cts. 4.31
Cost of fuel per ton	\$2.000	\$1.985
Cost of fuel per engine mile	cts. 11.19	cts. 10.27

## CARS IN PASSENGER SERVICE

Passenger coaches	106	112
Smoking cars	30	18
Combination cars	31	31
Immigrant and excursion cars	99	79
Dining cars	17	14
Buffet and cafe cars	15	10
Mail, express and baggage cars	127	112
Officers' and pay cars	6	6
Other cars in passenger service	9	9
Passenger cars, joint service (M. C. proportion)	3	
Totals	443	391
Total seating capacity of revenue passenger cars	17,020	14,565
Average mileage per passenger car	82,447 miles	87,089 miles
Cost of repairs (excluding renewals) per passenger car mile	cts. 00.615	cts. 00.685

## CARS IN FREIGHT SERVICE

Box cars	11,929	10,724
Flat cars, common	2,616	2,110
Flat cars, steel	95	95
Stock cars	818	852
Coal and coke cars	2,512	1,693
Refrigerator and produce cars	594	601
Caboose cars	289	285
Oil transport cars	36	34
Totals	18,889	16,394
Total capacity of freight cars	586,895 tons	479,745 tons
Average capacity of freight cars	31.55 tons	29.78 tons
Average mileage of freight cars	13,165 miles	14,341 miles
Cost of repairs (excluding renewals) per freight car mile	cts. 00.459	cts. 00.344

## CARS IN COMPANY'S SERVICE

Ballast cars	180	187
Derrick cars	4	4
Steam wrecking cranes	6	5
Cinder and push cars	19	12
Other road cars	483	347
Totals	692	555

## MARINE DEPARTMENT

Ferryboats		
Side wheel, single deck	3	3
Screw wheel, single deck	1	1
Totals	4	4

*REPORT OF THE LAND COMMISSIONER OF THE JACKSON, LANSING &  
SAGINAW RAILROAD COMPANY*

MR. W. H. NEWMAN

DETROIT, MICH., JANUARY 31st, 1907

*President Michigan Central Railroad*

NEW YORK

DEAR SIR—I respectfully submit herewith annual statement of the business of the Land Department of this company for the year ending December 31st, 1906

## LANDS AND SALES

	LANDS	Acres	Acres	Amount
Unsold January 1st, 1906, according to patents		106,494.78		
Restored to market in 1906		603.67	107,098.45	
Sold during the year		11,699.78		
Lands upon which title has lapsed on account of non-payment of taxes		66,364.67	78,064.45	
Unsold at the close of the year			29,034.00	
Sales				
Lands				\$27,558 29

## LAND CONTRACTS

Total amount due on contracts at the close of the year \$26,918 61

*The sales for the last five years are as follows*

	1902	1903	1904	1905	1906
Acres sold	9,217.56	23,712.10	8,076.33	3,786.10	11,096.11
Average per acre	\$7 64	\$0 93	\$2 62	\$3 87	\$2 48
Land sales	\$70,384 11	\$22,014 40	\$21,137 96	\$14,646 46	\$27,558 29
Timber sales				50 00	
Total	\$70,384 11	\$22,014 40	\$21,137 96	\$14,696 46	\$27,558 29

*REPORT OF THE LAND COMMISSIONER OF THE JACKSON, LANSING &  
SAGINAW RAILROAD COMPANY (concluded)*

## RECEIPTS

Cash on hand January 1st, 1906	\$5,819 94	
From payments on land contracts and sales	27,482 79	
From interest	869 50	
Total		<u>\$34,172 23</u>

## DISBURSEMENTS

Deposited to the credit of trustees	\$27,500 00	
For taxes	448 94	
For salaries and commissions	3,545 93	
For explorations	18 68	
For legal expenses	549 17	
For miscellaneous expenses	163 75	
Balance	1,945 76	
Total		<u>\$34,172 23</u>

NATHANIEL E. SLAYMAKER

*Land Commissioner**Messrs. Ledyard, Russel and Joy, Trustees*

Balance on hand end of 1905, as shown by report for that year	\$2,008 82	
Amount received from land commissioner during 1906	27,500 00	
Interest on land fund year 1906	137 58	
Total	<u>\$29,646 40</u>	
Bonds purchased and cancelled during 1906	28,987 50	
Cash on hand December 31, 1906		<u>\$658 90</u>

